

Flood Control Project Maintenance
2014 Structure Summary Report
Overall Unit and Item Ratings

City of Sacramento

El Camino Avenue Bridge

Overall Unit Rating	Rated Item	Item Rating
A	Photo Documentation	N
	Vegetation & Obstructions	A
	Shoaling / Sedimentation	A
	Erosion / Bank Caving	A
	Revetments	A
	Encroachments	A
	Culverts: Inlets / Outlets	N
	Culverts: Breaks / Holes / Cracks	N
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	N
	Electric Gate Operators	N
	Manual Gate Operators	N
	Concrete Surfaces	A
	Concrete Tilting / Settlement	A
	Concrete Foundations	A
	Security Fencing	N
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	N
	Monolith Joints	A
	Safety	A
	Operation & Maintenance Manual	A

Flood Control Project Maintenance
2014 Structure Summary Report
Overall Unit and Item Ratings

City of Sacramento (cont.)

Magpie Creek Pumping Plant

Overall Unit Rating	Rated Item	Item Rating
A	Operating Log	A
	Operation & Maintenance Manual	A
	Plant Building	A
	Communications	A
	Safety	A
	Cranes	A
	Pumps	A
	Power	A
	Motors, Engines, Fans & Gear Reducers	A
	Pump Control Systems	A
	Sumps/Wet Well	A
	Trash Racks	A
	Trash Rakes	N
	Sluice / Slide Gates	A
	Electric Gate Operators	N
	Manual Gate Operators	A
	Other Metallic Items	A
	Flap Gates	A
	Closure Structures	A
	Security Fencing	A
	Intake and Discharge Pipes	A

Flood Control Project Maintenance
Unit Cover Sheet
2014 Structure Inspection Results

City of Sacramento

Structure
El Camino Avenue Bridge

Structure Rating	A
Date of Inspection	07/17/2014
DWR Inspector	Pavel Kazi
Accompanied By	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2014

City of Sacramento

Structure	Structure Length	Inspection Start/End	Inspector
El Camino Avenue Bridge		07/17/2014 07/17/2014	Pavel Kazi

LM Start	0.00	Rating **	N	Issue No.	1	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start	End	
Item	Photo Documentation			38.611365 °	38.611365 °	
				-121.466557 °	-121.466557 °	
DWR ID	DWR_NA0005_221_t_2012_1					
Action/Comments						
Inspector Comments: West El Camino bridge is inspected as a structure because the bridge deck is below the design water surface elevation causing the wingwalls and guard railing to act as flood walls during high water events.						

Photo 1 of 1 : ST_2014_NA0005_221_1_20140721_00020.jpg



View of the bridge which acts as a flood wall.

LM Start	0.00	Rating **	A	Issue No.	2
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Vegetation & Obstructions			38.611365 °	38.611365 °
				-121.466557 °	-121.466557 °
DWR ID	DWR_NA0005_221_t_2012_2				
Action/Comments					
Inspector Comments: The channel appeared to be free of any vegetation growth.					

Photo 1 of 2 : ST_2014_NA0005_221_2_20140721_00011.jpg



View of the channel under the bridge. The picture was taken looking upstream.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2014

City of Sacramento

Structure	Structure Length	Inspection Start/End	Inspector
El Camino Avenue Bridge		07/17/2014 07/17/2014	Pavel Kazi

LM Start	0.00	Rating **	A	Issue No.	2 (cont)	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Vegetation & Obstructions			38.611365 °		38.611365 °
				-121.466557 °		-121.466557 °
DWR ID	DWR_NA0005_221_t_2012_2					
Action/Comments						
Inspector Comments: The channel appeared to be free of any vegetation growth.						

Photo 2 of 2 : ST_2014_NA0005_221_2_20140721_00012.jpg



View of the channel under the bridge. The picture was taken looking downstream.

LM Start	0.00	Rating **	A	Issue No.	3
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Shoaling / Sedimentation			38.611365 °	38.611365 °
				-121.466557 °	-121.466557 °
DWR ID	DWR_NA0005_221_t_2012_3				
Action/Comments					
Inspector Comments: The channel didn't have any shoaling or sedimentation which would impede the flow.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	4
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.611365 °	38.611365 °
				-121.466557 °	-121.466557 °
DWR ID	DWR_NA0005_221_t_2012_4				
Action/Comments					
Inspector Comments: No erosion or bank caving was found on the side of the channel.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2014

City of Sacramento

Structure	Structure Length	Inspection Start/End	Inspector
El Camino Avenue Bridge		07/17/2014 07/17/2014	Pavel Kazi

LM Start	0.00	Rating **	A	Issue No.	5	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start	End	
Item	Revetments			38.611365 °	38.611365 °	
				-121.466557 °	-121.466557 °	
DWR ID	DWR_NA0005_221_t_2012_5					
Action/Comments						
Inspector Comments: Existing riprap was properly maintained.						

No Photos

LM Start	0.00	Rating **	A	Issue No.	6
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.611365 °	38.611365 °
				-121.466557 °	-121.466557 °
DWR ID	DWR_NA0005_221_t_2012_6				
Action/Comments					
Inspector Comments: No trash or debris were present around the structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	7
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Culverts: Inlets / Outlets			38.611365 °	38.611365 °
				-121.466557 °	-121.466557 °
DWR ID	DWR_NA0005_221_t_2012_7				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

*** Location**
LS : Land Side
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2014

City of Sacramento

Structure	Structure Length	Inspection Start/End	Inspector
El Camino Avenue Bridge		07/17/2014 07/17/2014	Pavel Kazi

LM Start	0.00	Rating **	N	Issue No.	8
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Culverts: Breaks / Holes / Cracks			38.611365 °	38.611365 °
				-121.466557 °	-121.466557 °
DWR ID	DWR_NA0005_221_t_2012_8				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	9
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Metal Pipes			38.611365 °	38.611365 °
				-121.466557 °	-121.466557 °
DWR ID	DWR_NA0005_221_t_2012_9				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	10
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Trash Racks			38.611365 °	38.611365 °
				-121.466557 °	-121.466557 °
DWR ID	DWR_NA0005_221_t_2012_10				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2014

City of Sacramento

Structure	Structure Length	Inspection Start/End	Inspector
El Camino Avenue Bridge		07/17/2014 07/17/2014	Pavel Kazi

LM Start	0.00	Rating **	N	Issue No.	11
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Flap Gates			38.611365 °	38.611365 °
				-121.466557 °	-121.466557 °
DWR ID	DWR_NA0005_221_t_2012_11				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	12
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Sluice/Slide Gates			38.611365 °	38.611365 °
				-121.466557 °	-121.466557 °
DWR ID	DWR_NA0005_221_t_2012_12				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	13
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Electric Gate Operators			38.611365 °	38.611365 °
				-121.466557 °	-121.466557 °
DWR ID	DWR_NA0005_221_t_2012_13				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

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N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2014

City of Sacramento

Structure	Structure Length	Inspection Start/End	Inspector
El Camino Avenue Bridge		07/17/2014 07/17/2014	Pavel Kazi

LM Start	0.00	Rating **	N	Issue No.	14
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Manual Gate Operators			38.611365 °	38.611365 °
				-121.466557 °	-121.466557 °
DWR ID	DWR_NA0005_221_t_2012_14				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	15
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Concrete Surfaces			38.611365 °	38.611365 °
				-121.466557 °	-121.466557 °
DWR ID	DWR_NA0005_221_t_2012_15				
Action/Comments					
Inspector Comments: The concrete surface didn't have any spalling or cracking which would threaten the integrity of the bridge.					

Photo 1 of 3 : ST_2014_NA0005_221_15_20140721_00013.jpg



View of the flood wall.

LM Start	0.00	Rating **	A	Issue No.	15 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 3 : ST_2014_NA0005_221_15_20140721_00014.jpg



View of the flood wall.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2014

City of Sacramento

Structure	Structure Length	Inspection Start/End	Inspector
El Camino Avenue Bridge		07/17/2014 07/17/2014	Pavel Kazi

LM Start	0.00	Rating **	A	Issue No.	15 (cont)
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Concrete Surfaces			38.611365 °	38.611365 °
				-121.466557 °	-121.466557 °
DWR ID	DWR_NA0005_221_t_2012_15				
Action/Comments					
Inspector Comments: The concrete surface didn't have any spalling or					

Photo 3 of 3 : ST_2014_NA0005_221_15_20140709_00005.jpg



View of the flood wall.

LM Start	0.00	Rating **	A	Issue No.	16
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Concrete Tilting / Settlement			38.611365 °	38.611365 °
				-121.466557 °	-121.466557 °
DWR ID	DWR_NA0005_221_t_2012_16				
Action/Comments					
Inspector Comments: There were no signs of any settlement.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	17
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Concrete Foundations			38.611365 °	38.611365 °
				-121.466557 °	-121.466557 °
DWR ID	DWR_NA0005_221_t_2012_17				
Action/Comments					
Inspector Comments: No sign of scouring or erosion was visible at the footings of the structure.					

Photo 1 of 1 : ST_2014_NA0005_221_17_20140721_00015.jpg



View below the bridge.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2014

City of Sacramento

Structure	Structure Length	Inspection Start/End	Inspector
El Camino Avenue Bridge		07/17/2014 07/17/2014	Pavel Kazi

LM Start	0.00	Rating **	N	Issue No.	18
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Security Fencing	38.611365 °		38.611365 °	
		-121.466557 °		-121.466557 °	
DWR ID	DWR_NA0005_221_t_2012_18				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	19
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Closure Structures			38.611365 °	38.611365 °
				-121.466557 °	-121.466557 °
DWR ID	DWR_NA0005_221_t_2012_19				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	20
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Trash Rakes			38.611365 °	38.611365 °
				-121.466557 °	-121.466557 °
DWR ID	DWR_NA0005_221_t_2012_20				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2014

City of Sacramento

Structure	Structure Length	Inspection Start/End	Inspector
El Camino Avenue Bridge		07/17/2014 07/17/2014	Pavel Kazi

LM Start	0.00	Rating **	N	Issue No.	21
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Other Metallic Items	38.611365 °		38.611365 °	
		-121.466557 °		-121.466557 °	
DWR ID	DWR_NA0005_221_t_2012_21				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	22
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Monolith Joints			38.611365 °	38.611365 °
				-121.466557 °	-121.466557 °
DWR ID	DWR_NA0005_221_t_2012_22				
Action/Comments					
Inspector Comments: The monolithic joint material was in good condition on the flood walls.					

Photo 1 of 3 : ST_2014_NA0005_221_22_20140721_00016.jpg



View of the flood walls with monolith joints.

LM Start	0.00	Rating **	A	Issue No.	22 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 3 : ST_2014_NA0005_221_22_20140721_00017.jpg



View of the flood walls with monolith joints.

*** Location**
LS : Land Side
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2014

City of Sacramento

Structure	Structure Length	Inspection Start/End	Inspector
El Camino Avenue Bridge		07/17/2014 07/17/2014	Pavel Kazi

LM Start	0.00	Rating **	A	Issue No.	22 (cont)	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Monolith Joints			38.611365 °		38.611365 °
				-121.466557 °		-121.466557 °
DWR ID	DWR_NA0005_221_t_2012_22					
Action/Comments						
Inspector Comments: The monolithic joint material was in good						

Photo 3 of 3 : ST_2014_NA0005_221_22_20140721_00018.jpg



View of the flood walls with monolith joints.

LM Start	0.00	Rating **	A	Issue No.	23
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Safety			38.611365 °	38.611365 °
				-121.466557 °	-121.466557 °
DWR ID	DWR_NA0005_221_t_2012_23				
Action/Comments					
Inspector Comments: The walls around the structure provide adequate protection against fall hazards.					

Photo 1 of 1 : ST_2014_NA0005_221_23_20140721_00019.jpg



View of the flood walls which also provides protection against fall hazards.

LM Start	0.00	Rating **	A	Issue No.	24
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Operation & Maintenance Manual			38.611365 °	38.611365 °
				-121.466557 °	-121.466557 °
DWR ID	DWR_NA0005_221_t_2014_24				
Action/Comments					
Inspector Comments: This bridge is listed as a project structure per the USACE, but it doesn't have an O&M manual.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

Flood Control Project Maintenance

Unit Cover Sheet

2014 Pumping Plant Inspection Results

City of Sacramento

Pumping Plant
Magpie Creek Pumping Plant

Pumping Plant Rating	A
Date of Inspection	07/17/2014
DWR Inspector	Pavel Kazi
Accompanied By	

**Flood Control Project Maintenance
Levee Inspections**

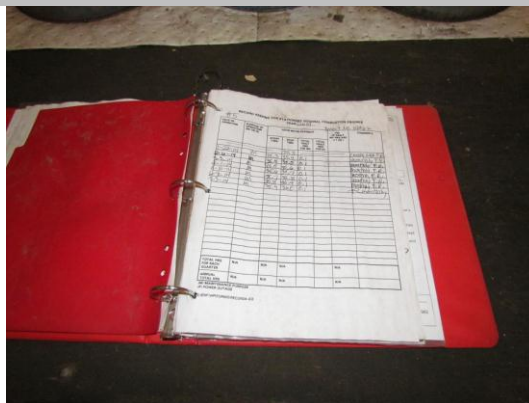
Levee Inspection Report By Mile - Structure 2014

City of Sacramento

Structure	Structure Length	Inspection Start/End	Inspector
Magpie Creek Pumping Plant		07/17/2014 07/17/2014	Pavel Kazi

LM Start	0.00	Rating **	A	Issue No.	1
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Operating Log			38.640967 °	38.640967 °
				-121.471106 °	-121.471106 °
DWR ID	DWR_NA0005_16_t_2012_1				
Action/Comments					
Inspector Comments: The operation log was maintained up to date and it was present at the pump station.					

Photo 1 of 1 : ST_2014_NA0005_16_1_20140721_00020.jpg



View of the maintenance log in the pumping plant.

LM Start	0.00	Rating **	A	Issue No.	2
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Operation & Maintenance Manual			38.640967 °	38.640967 °
				-121.471106 °	-121.471106 °
DWR ID	DWR_NA0005_16_t_2012_2				
Action/Comments					
Inspector Comments: The City of Sacramento doesn't have the O&M manual for this plant. It was determined that this may not be a project structure and DWR is investigating further on this matter.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	3
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Plant Building			38.640967 °	38.640967 °
				-121.471106 °	-121.471106 °
DWR ID	DWR_NA0005_16_t_2012_3				
Action/Comments					
Inspector Comments: The plant building was in good condition without any visible cracks or structural damage.					

Photo 1 of 2 : ST_2014_NA0005_16_3_20140721_00021.jpg



View of the pumping plant and the control room.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2014

City of Sacramento

Structure	Structure Length	Inspection Start/End	Inspector
Magpie Creek Pumping Plant		07/17/2014 07/17/2014	Pavel Kazi

LM Start	0.00	Rating **	A	Issue No.	3 (cont)	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Pump Stations			GPS Latitude/Longitude		
				Start		End
Item	Plant Building			38.640967 °		38.640967 °
				-121.471106 °		-121.471106 °
DWR ID	DWR_NA0005_16_t_2012_3					
Action/Comments						
Inspector Comments: The plant building was in good condition without any visible cracks or structural damage.						

Photo 2 of 2 : ST_2014_NA0005_16_3_20140721_00036.jpg



An alternate view of the pumping plant.

LM Start	0.00	Rating **	A	Issue No.	4
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Communications			38.640967 °	38.640967 °
				-121.471106 °	-121.471106 °
DWR ID	DWR_NA0005_16_t_2012_4				
Action/Comments					
Inspector Comments: District personnel have cell phones for communication.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	5
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Safety			38.640967 °	38.640967 °
				-121.471106 °	-121.471106 °
DWR ID	DWR_NA0005_16_t_2012_5				
Action/Comments					
Inspector Comments: The building didn't have visible safety issues. Fire extinguishers were present inside the building along with material for oil spills.					

Photo 1 of 2 : ST_2014_NA0005_16_5_20140721_00022.jpg



Safety material for oil spills was present inside the pumping plant.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2014

City of Sacramento

Structure	Structure Length	Inspection Start/End	Inspector
Magpie Creek Pumping Plant		07/17/2014 07/17/2014	Pavel Kazi

LM Start	0.00	Rating **	A	Issue No.	5 (cont)	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Pump Stations			GPS Latitude/Longitude		
				Start	End	
Item	Safety			38.640967 °	38.640967 °	
				-121.471106 °	-121.471106 °	
DWR ID	DWR_NA0005_16_t_2012_5					
Action/Comments						
Inspector Comments: The building didn't have visible safety issues. Fire extinguishers were present inside the building along with material for oil spills.						

Photo 2 of 2 : ST_2014_NA0005_16_5_20140709_00004.jpg



View of the fire extinguisher inside the pumping plant.

LM Start	0.00	Rating **	A	Issue No.	6
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Cranes			38.640967 °	38.640967 °
				-121.471106 °	-121.471106 °
DWR ID	DWR_NA0005_16_t_2012_6				
Action/Comments					
Inspector Comments: The crane appeared to be in good working condition inside the pumping plant.					

Photo 1 of 1 : ST_2014_NA0005_16_6_20140721_00023.jpg



View of the crane inside the pumping plant.

LM Start	0.00	Rating **	A	Issue No.	7
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Pumps			38.640967 °	38.640967 °
				-121.471106 °	-121.471106 °
DWR ID	DWR_NA0005_16_t_2012_7				
Action/Comments					
Inspector Comments: The pumps didn't show any signs of corrosion and all the pumps appeared to be properly maintained and periodically tested.					

Photo 1 of 4 : ST_2014_NA0005_16_7_20140709_00007.jpg



View of one of the electric pumps inside the plant.

* Location LS : Land Side WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2014

City of Sacramento

Structure	Structure Length	Inspection Start/End	Inspector
Magpie Creek Pumping Plant		07/17/2014 07/17/2014	Pavel Kazi

LM Start	0.00	Rating **	A	Issue No.	7 (cont)	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Pump Stations			GPS Latitude/Longitude		
				Start	End	
Item	Pumps			38.640967 °	38.640967 °	
				-121.471106 °	-121.471106 °	
DWR ID	DWR_NA0005_16_t_2012_7					
Action/Comments						
Inspector Comments: The pumps didn't show any signs of corrosion and all the pumps appeared to be properly maintained and periodically tested.						

Photo 2 of 4 : ST_2014_NA0005_16_7_20140721_00024.jpg



View of one of the propane powered pumps inside the plant.

Photo 3 of 4 : ST_2014_NA0005_16_7_20140721_00025.jpg



View of another propane powered pumps inside the plant.

Photo 4 of 4 : ST_2014_NA0005_16_7_20140709_00008.jpg



View of the electric pumps outside of the pumping plant.

LM Start	0.00	Rating **	A	Issue No.	7 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

*** Location**
LS : Land Side
WS : Water Side
CR : Crown

**** Rating**
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U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2014

City of Sacramento

Structure	Structure Length	Inspection Start/End	Inspector
Magpie Creek Pumping Plant		07/17/2014 07/17/2014	Pavel Kazi

LM Start	0.00	Rating **	A	Issue No.	8	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Pump Stations			GPS Latitude/Longitude		
				Start	End	
Item	Power			38.640967 °	38.640967 °	
				-121.471106 °	-121.471106 °	
DWR ID	DWR_NA0005_16_t_2012_8					
Action/Comments						
Inspector Comments: The power sources appeared to be safe and						

Photo 1 of 2 : ST_2014_NA0005_16_8_20140721_00026.jpg



View of the propane tank outside the pumping plant.

LM Start	0.00	Rating **	A	Issue No.	8 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 2 : ST_2014_NA0005_16_8_20140709_00011.jpg



View of the electrical boxes outside the pumping plant.

LM Start	0.00	Rating **	A	Issue No.	10
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Motors, Engines, Fans & Gear Reducers			38.640967 °	38.640967 °
				-121.471106 °	-121.471106 °
DWR ID	DWR_NA0005_16_t_2013_10				
Action/Comments					
Inspector Comments: All the items appeared to be operational, and					

No Photos

* Location
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A/W : Acceptable but Monitor & Maintain

+ Issue Type
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2014

City of Sacramento

Structure	Structure Length	Inspection Start/End	Inspector
Magpie Creek Pumping Plant		07/17/2014 07/17/2014	Pavel Kazi

LM Start	0.00	Rating **	A	Issue No.	11
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Pump Control Systems			38.640967 °	38.640967 °
				-121.471106 °	-121.471106 °
DWR ID	DWR_NA0005_16_t_2012_11				
Action/Comments					
Inspector Comments: All the pump control systems appeared to be in a good condition.					

Photo 1 of 2 : ST_2014_NA0005_16_11_20140721_00027.jpg



View of the pump control systems in the pump control building.

LM Start	0.00	Rating **	A	Issue No.	11 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 2 : ST_2014_NA0005_16_11_20140721_00028.jpg



View of the pump control systems inside the control building.

LM Start	0.00	Rating **	A	Issue No.	12
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Sumps/Wet Well			38.640967 °	38.640967 °
				-121.471106 °	-121.471106 °
DWR ID	DWR_NA0005_16_t_2012_12				
Action/Comments					
Inspector Comments: The wet well was clear of any debris or					

Photo 1 of 1 : ST_2014_NA0005_16_12_20140721_00030.jpg



View of the wet well.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

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+ Issue Type

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2014

City of Sacramento

Structure	Structure Length	Inspection Start/End	Inspector
Magpie Creek Pumping Plant		07/17/2014 07/17/2014	Pavel Kazi

LM Start	0.00	Rating **	A	Issue No.	13
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Trash Racks			38.640967 °	38.640967 °
				-121.471106 °	-121.471106 °
DWR ID	DWR_NA0005_16_t_2012_13				
Action/Comments					
Inspector Comments: Trash rack appeared to be clean and out of any debris.					

Photo 1 of 1 : ST_2014_NA0005_16_13_20140721_00031.jpg



View of the trash rack.

LM Start	0.00	Rating **	N	Issue No.	14
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Trash Rakes			38.640967 °	38.640967 °
				-121.471106 °	-121.471106 °
DWR ID	DWR_NA0005_16_t_2012_14				
Action/Comments					
Inspector Comments: Trash rakes were not present at this plant.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	9
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Sluice / Slide Gates			38.640967 °	38.640967 °
				-121.471106 °	-121.471106 °
DWR ID	DWR_NA0005_16_t_2013_9				
Action/Comments					
Inspector Comments: The slide gates were free of any debris and appears to be in a good working condition.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2014

City of Sacramento

Structure	Structure Length	Inspection Start/End	Inspector
Magpie Creek Pumping Plant		07/17/2014 07/17/2014	Pavel Kazi

LM Start	0.00	Rating **	N	Issue No.	16
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Electric Gate Operators			38.640967 °	38.640967 °
				-121.471106 °	-121.471106 °
DWR ID	DWR_NA0005_16_t_2012_16				
Action/Comments					
Inspector Comments: This facility didn't have electric gates.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	17
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Manual Gate Operators			38.640967 °	38.640967 °
				-121.471106 °	-121.471106 °
DWR ID	DWR_NA0005_16_t_2012_17				
Action/Comments					
Inspector Comments: The slide gate appeared to be in good working condition.					

Photo 1 of 1 : ST_2014_NA0005_16_17_20140721_00032.jpg



View of the slide gate operators.

LM Start	0.00	Rating **	A	Issue No.	18
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Other Metallic Items			38.640967 °	38.640967 °
				-121.471106 °	-121.471106 °
DWR ID	DWR_NA0005_16_t_2012_18				
Action/Comments					
Inspector Comments: The metallic parts appeared to be well maintained.					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2014

City of Sacramento

Structure	Structure Length	Inspection Start/End	Inspector
Magpie Creek Pumping Plant		07/17/2014 07/17/2014	Pavel Kazi

LM Start	0.00	Rating **	A	Issue No.	19
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Flap Gates			38.640967 °	38.640967 °
				-121.471106 °	-121.471106 °
DWR ID	DWR_NA0005_16_t_2012_19				
Action/Comments					
Inspector Comments: The flap gates appeared to be in good condition and free of any obstructions.					

Photo 1 of 1 : ST_2014_NA0005_16_19_20140721_00033.jpg



View of the flap gates.

LM Start	0.00	Rating **	A	Issue No.	20
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Closure Structures			38.640967 °	38.640967 °
				-121.471106 °	-121.471106 °
DWR ID	DWR_NA0005_16_t_2012_20				
Action/Comments					
Inspector Comments: Closure structures appeared to be in good condition.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	21
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Security Fencing			38.640967 °	38.640967 °
				-121.471106 °	-121.471106 °
DWR ID	DWR_NA0005_16_t_2012_21				
Action/Comments					
Inspector Comments: The security fencing around the structures appeared to be in good condition and should provide protection against unauthorized access.					

Photo 1 of 1 : ST_2014_NA0005_16_21_20140721_00034.jpg



View of the security fencing around the structure.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

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+ Issue Type

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2014

City of Sacramento

Structure	Structure Length	Inspection Start/End	Inspector
Magpie Creek Pumping Plant		07/17/2014 07/17/2014	Pavel Kazi

LM Start	0.00	Rating **	A	Issue No.	22
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Intake and Discharge Pipes			38.640967 °	38.640967 °
				-121.471106 °	-121.471106 °
DWR ID	DWR_NA0005_16_t_2012_22				
Action/Comments					
Inspector Comments: The intake pipes appeared to be in good condition.					

Photo 1 of 1 : ST_2014_NA0005_16_22_20140721_00035.jpg



View of the intake pipes.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
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A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
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